Claims

1. A wireless data output communication device, comprising:

a device interface connectable to an external interface of a first computing device with a data output service;

a memory component storing autorun software and a computer software application, the autorun software being operable to install and execute the computer software application on the first computing device automatically upon connection of the device interface to the external interface of the first computing device, the computer software application providing access to the data output service of the first computing device; and

a wireless communication component for providing wireless communication between the communication device and a second computing device having wireless communication capability and data content to be outputted with the data output service, the wireless communication component being operable to receive the data content from the second computing device via wireless communication and to deliver the data content to the computer software application on the first computing device, wherein the computer software application delivers the data content to the data output service to obtain output of the data content.

2. The communication device of claim 1 in which the memory component includes a program memory segment and a file storage segment, the file storage segment being accessible by the second computing device to store data content, and the program memory segment storing the computer software application and not being accessible by the second computing device.

3. The communication device of claim 2 in which the program memory segment further includes a first memory section in which is stored the computer software application and a second memory section in which is stored code for operating the wireless communication component.

4. The communication device of claim 1 in which one of the autorun software and the computer software application is further operable to uninstall the computer software application from the first computing device

automatically upon disconnection of the device interface from the external interface of the first computing device.

5. The communication device of claim 1 further comprising a controller to control operation of the wireless communication component.

6. The communication device of claim 1 further comprising a user-operable external switch to provide user control of an operation of the communication device.

7. The communication device of claim 1 further comprising a battery for powering the communication device without connection to the first computing device so that the communication device is operable to receive data content via wireless communication and to store the data content in the memory component.

8. The communication device of claim 7 further comprising a user-operable external switch to provide user control of operation of the communication device without connection to the first computing device.

9. The communication device of claim 1 in which the device interface corresponds to a universal serial bus interface.

10. The communication device of claim 1 in which the device interface corresponds to one of a Firewire format, a Compact Flash format, and a Secure Digital format.

11. The communication device of claim 1 in which the wireless communication corresponds to a Bluetooth standard of wireless communication.

12. The communication device of claim 1 in which the wireless communication corresponds to one of a IEEE802.11 a, IEEE802.11b, IEEE802.11g, IEEE802.11f, IEEE802.15, or IEEE802.17 standard of wireless communication.

13. The communication device of claim 1 in which the data output service includes printing the data content to one or more printers associated with the first computing device.

14. The communication device of claim 1 in which the data output service includes displaying the data content with a selected application resident on the first computing device.

15. The communication device of claim 1 in which the device is configured as a dongle.

16. The communication device of claim 1 in which the second computing device includes a wireless cellular telephone.

17. The communication device of claim 1 in which the second computing device includes a portable computer.

18. The communication device of claim 1 in which the second computing device includes a digital camera.

19. A wireless data output communication device, comprising:

a device interface connectable to an external interface of a first computing device with a data output service;

a memory component storing a computer software application and including storage capacity for storing data content, the computer software application being operable to provide access to the data output service of the first computing device; and

a wireless communication component for providing wireless communication between the communication device and a second computing device having wireless communication capability and data content to be outputted with the data output service, the wireless communication component being operable to receive the data content from the second computing device via wireless communication and to store the data content in the memory component,

wherein the computer software application is installable and executable on the first computing device upon the device interface being connected to the external interface of the first computing device, the data content then being deliverable to the data output service via the computer software application to obtain output of the data content.

20. The communication device of claim 19 in which the memory component further stores autorun software that is operable to install and execute the computer software application on the first computing device automatically upon connection of the device interface to the external interface of the first computing device.

21. The communication device of claim 20 in which one of the autorun software and the computer software application is further operable to uninstall the computer software application from the first computing device automatically upon disconnection of the device interface from the external interface of the first computing device.

22. The communication device of claim 19 in which the memory component includes a program memory segment and a file storage segment, the file storage segment being accessible by the second computing device to store data content, and the program memory segment storing the computer software application and not being accessible by the second computing device.

23. The communication device of claim 22 in which the program memory segment further includes a first memory section in which is stored the computer software application and a second memory section in which is stored code for operating the wireless communication component.

24. The communication device of claim 19 further comprising a controller to control operation of the wireless communication component.

25. The communication device of claim 19 further comprising a user-operable external switch to provide user control of an operation of the communication device.

26. The communication device of claim 25 in which the user-operable external switch to provide user control of battery-powered operation of the communication device.

27. The communication device of claim 19 in which the device interface corresponds to a universal serial bus interface.

28. The communication device of claim 27 in which the device interface does not correspond to a universal serial bus interface.

29. The communication device of claim 19 in which the wireless communication corresponds to a Bluetooth standard of wireless communication.

30. The communication device of claim 19 in which the wireless communication does not correspond to a Bluetooth standard of wireless communication.

31. The communication device of claim 19 in which the data output service includes printing the data content to one or more printers associated with the first computing device.

32. The communication device of claim 19 in which the data output service includes displaying the data content with a selected application resident on the first computing device.

33. The communication device of claim 19 in which the device is configured as a dongle.

34. The communication device of claim 19 in which the second computing device includes a wireless cellular telephone.

35. The communication device of claim 19 in which the second computing device includes a portable computer.

36. The communication device of claim 19 in which the second computing device includes a digital camera.

37. The communication device of claim 19 further comprising a battery to provide battery-powered operation of the communication device.

38. The communication device of claim 19 in which the output service includes one or more printers.